

Map Legend

	Stream Alluvium		Meander Belts
	Alluvial Fan		Low Terrace (Stream Terrace)
	Backswamps		Loess
	Cut-Off Channels		Pre-loess Terrace Deposits
			Kosciusko Formation
	Surface Mines		Escarpment
	Contact		Slump Escarpment
			Fault

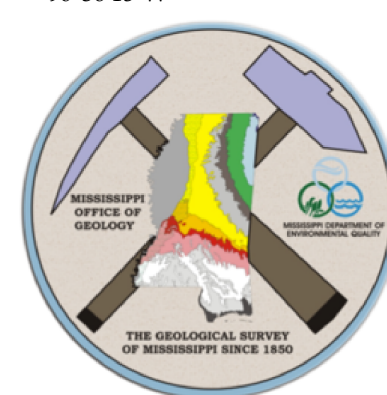
GEOLOGIC MAP OF THE 1:24,000 RULEVILLE QUADRANGLE

Sunflower County, Mississippi

2021

Geology by James E. Starnes, RPG, Jonathan R. Leard, GIT, and Anna L. Reginelli

Copyright © 2021 Mississippi Department of Environmental Quality, Office of Geology



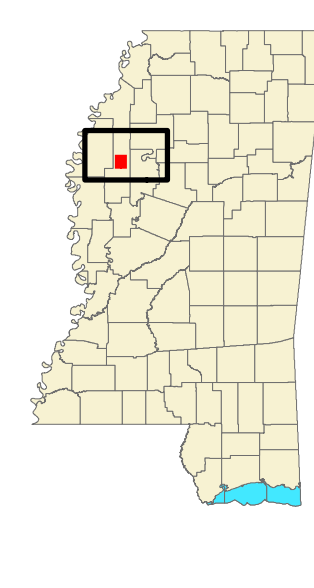
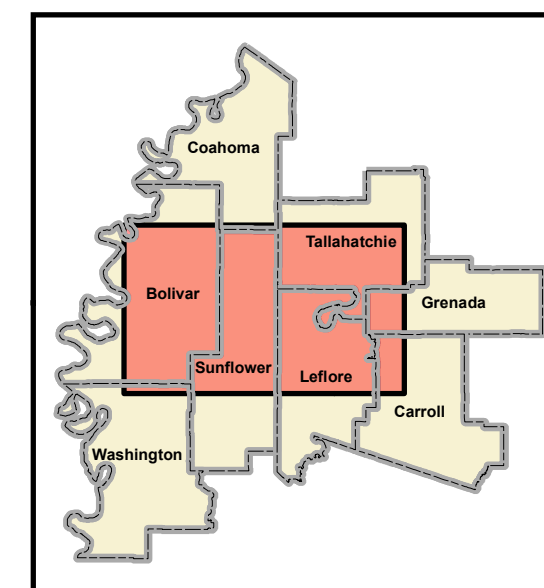
This geologic map was funded in part by the U.S. Geological Survey, National Cooperative Geologic Mapping Program, under STATEMAP award number G20AS0006.

MDEQ-GEOLOGY Geographic Information Systems: Daniel W. Morse
MDEQ-GEOLOGY Drillers: Archie McKenzie and Trey Magee
MDEQ-GEOLOGY Geophysical Logging: Andrew Newcomb and Paul Parrish

Geologic maps are only a guide to current understanding and do not eliminate the need for detailed investigations of specific sites for specific purposes. The views and conclusions contained in this Open-File Report are those of the geologists and should not be interpreted as representing the official policies, either expressed or implied, of the State of Mississippi or of the United States Government.

Base Map produced by the Mississippi Geological Survey

Coordinate System: WGS 1984 Web Mercator Auxiliary Sphere
Projection: Mercator Auxiliary Sphere; Datum: WGS 1984; Units: Meter
Declination: January 01, 2021, magnetic north declination in quadrangle center is 1° West of true north, changing by 0°5' West per year.
Label: Mississippi Department of Environmental Quality (MDEQ), U.S. Army Corps of Engineers (USACE), United States Geological Survey (USGS), Natural Resources Conservation Service (NRCS), Federal Emergency Management Agency (FEMA), National Oceanic and Atmospheric Administration (NOAA), National Park Service (NPS), and Tennessee Valley Authority (TVA). Project spans 2002-2017.
Hydrography: Lidar derived; National Hydrography Dataset (NHD) 2020
Contours: Lidar derived
Roads: Mississippi Department of Transportation (MDOT) 2018
RIS Boundaries: Mississippi Automated Resource Information System (MARIS) 2020
Building Footprints: Microsoft 2019
Surface Mines: MDEQ Office of Geology - Mining and Reclamation Division
Boreholes: MDEQ Office of Geology - Environmental Geology Division



Contiguous Eight Counties	Contiguous Thirty Two 7.5' Quadrangles

